

TIDE TABLE FOR ASTORIA.

APRIL.

HIGH WATER.		LOW WATER.	
Time.	Height.	Time.	Height.
4:30	10.0	10:30	2.0
5:15	9.5	11:15	1.5
6:00	9.0	12:00	1.0
6:45	8.5	12:45	0.5
7:30	8.0	1:30	0.0
8:15	7.5	2:15	0.5
9:00	7.0	3:00	1.0
9:45	6.5	3:45	1.5
10:30	6.0	4:30	2.0
11:15	5.5	5:15	2.5
12:00	5.0	6:00	3.0
12:45	4.5	6:45	3.5
1:30	4.0	7:30	4.0
2:15	3.5	8:15	4.5
3:00	3.0	9:00	5.0
3:45	2.5	9:45	5.5
4:30	2.0	10:30	6.0
5:15	1.5	11:15	6.5
6:00	1.0	12:00	7.0
6:45	0.5	12:45	7.5
7:30	0.0	1:30	8.0
8:15	0.5	2:15	8.5
9:00	1.0	3:00	9.0
9:45	1.5	3:45	9.5
10:30	2.0	4:30	10.0
11:15	2.5	5:15	10.5
12:00	3.0	6:00	11.0
12:45	3.5	6:45	11.5
1:30	4.0	7:30	12.0
2:15	4.5	8:15	12.5
3:00	5.0	9:00	13.0
3:45	5.5	9:45	13.5
4:30	6.0	10:30	14.0
5:15	6.5	11:15	14.5
6:00	7.0	12:00	15.0
6:45	7.5	12:45	15.5
7:30	8.0	1:30	16.0
8:15	8.5	2:15	16.5
9:00	9.0	3:00	17.0
9:45	9.5	3:45	17.5
10:30	10.0	4:30	18.0
11:15	10.5	5:15	18.5
12:00	11.0	6:00	19.0
12:45	11.5	6:45	19.5
1:30	12.0	7:30	20.0
2:15	12.5	8:15	20.5
3:00	13.0	9:00	21.0
3:45	13.5	9:45	21.5
4:30	14.0	10:30	22.0
5:15	14.5	11:15	22.5
6:00	15.0	12:00	23.0
6:45	15.5	12:45	23.5
7:30	16.0	1:30	24.0
8:15	16.5	2:15	24.5
9:00	17.0	3:00	25.0
9:45	17.5	3:45	25.5
10:30	18.0	4:30	26.0
11:15	18.5	5:15	26.5
12:00	19.0	6:00	27.0
12:45	19.5	6:45	27.5
1:30	20.0	7:30	28.0
2:15	20.5	8:15	28.5
3:00	21.0	9:00	29.0
3:45	21.5	9:45	29.5
4:30	22.0	10:30	30.0
5:15	22.5	11:15	30.5
6:00	23.0	12:00	31.0
6:45	23.5	12:45	31.5
7:30	24.0	1:30	32.0
8:15	24.5	2:15	32.5
9:00	25.0	3:00	33.0
9:45	25.5	3:45	33.5
10:30	26.0	4:30	34.0
11:15	26.5	5:15	34.5
12:00	27.0	6:00	35.0
12:45	27.5	6:45	35.5
1:30	28.0	7:30	36.0
2:15	28.5	8:15	36.5
3:00	29.0	9:00	37.0
3:45	29.5	9:45	37.5
4:30	30.0	10:30	38.0
5:15	30.5	11:15	38.5
6:00	31.0	12:00	39.0
6:45	31.5	12:45	39.5
7:30	32.0	1:30	40.0
8:15	32.5	2:15	40.5
9:00	33.0	3:00	41.0
9:45	33.5	3:45	41.5
10:30	34.0	4:30	42.0
11:15	34.5	5:15	42.5
12:00	35.0	6:00	43.0
12:45	35.5	6:45	43.5
1:30	36.0	7:30	44.0
2:15	36.5	8:15	44.5
3:00	37.0	9:00	45.0
3:45	37.5	9:45	45.5
4:30	38.0	10:30	46.0
5:15	38.5	11:15	46.5
6:00	39.0	12:00	47.0
6:45	39.5	12:45	47.5
7:30	40.0	1:30	48.0
8:15	40.5	2:15	48.5
9:00	41.0	3:00	49.0
9:45	41.5	3:45	49.5
10:30	42.0	4:30	50.0
11:15	42.5	5:15	50.5
12:00	43.0	6:00	51.0
12:45	43.5	6:45	51.5
1:30	44.0	7:30	52.0
2:15	44.5	8:15	52.5
3:00	45.0	9:00	53.0
3:45	45.5	9:45	53.5
4:30	46.0	10:30	54.0
5:15	46.5	11:15	54.5
6:00	47.0	12:00	55.0
6:45	47.5	12:45	55.5
7:30	48.0	1:30	56.0
8:15	48.5	2:15	56.5
9:00	49.0	3:00	57.0
9:45	49.5	3:45	57.5
10:30	50.0	4:30	58.0
11:15	50.5	5:15	58.5
12:00	51.0	6:00	59.0
12:45	51.5	6:45	59.5
1:30	52.0	7:30	60.0
2:15	52.5	8:15	60.5
3:00	53.0	9:00	61.0
3:45	53.5	9:45	61.5
4:30	54.0	10:30	62.0
5:15	54.5	11:15	62.5
6:00	55.0	12:00	63.0
6:45	55.5	12:45	63.5
7:30	56.0	1:30	64.0
8:15	56.5	2:15	64.5
9:00	57.0	3:00	65.0
9:45	57.5	3:45	65.5
10:30	58.0	4:30	66.0
11:15	58.5	5:15	66.5
12:00	59.0	6:00	67.0
12:45	59.5	6:45	67.5
1:30	60.0	7:30	68.0
2:15	60.5	8:15	68.5
3:00	61.0	9:00	69.0
3:45	61.5	9:45	69.5
4:30	62.0	10:30	70.0
5:15	62.5	11:15	70.5
6:00	63.0	12:00	71.0
6:45	63.5	12:45	71.5
7:30	64.0	1:30	72.0
8:15	64.5	2:15	72.5
9:00	65.0	3:00	73.0
9:45	65.5	3:45	73.5
10:30	66.0	4:30	74.0
11:15	66.5	5:15	74.5
12:00	67.0	6:00	75.0
12:45	67.5	6:45	75.5
1:30	68.0	7:30	76.0
2:15	68.5	8:15	76.5
3:00	69.0	9:00	77.0
3:45	69.5	9:45	77.5
4:30	70.0	10:30	78.0
5:15	70.5	11:15	78.5
6:00	71.0	12:00	79.0
6:45	71.5	12:45	79.5
7:30	72.0	1:30	80.0
8:15	72.5	2:15	80.5
9:00	73.0	3:00	81.0
9:45	73.5	3:45	81.5
10:30	74.0	4:30	82.0
11:15	74.5	5:15	82.5
12:00	75.0	6:00	83.0
12:45	75.5	6:45	83.5
1:30	76.0	7:30	84.0
2:15	76.5	8:15	84.5
3:00	77.0	9:00	85.0
3:45	77.5	9:45	85.5
4:30	78.0	10:30	86.0
5:15	78.5	11:15	86.5
6:00	79.0	12:00	87.0
6:45	79.5	12:45	87.5
7:30	80.0	1:30	88.0
8:15	80.5	2:15	88.5
9:00	81.0	3:00	89.0
9:45	81.5	3:45	89.5
10:30	82.0	4:30	90.0
11:15	82.5	5:15	90.5
12:00	83.0	6:00	91.0
12:45	83.5	6:45	91.5
1:30	84.0	7:30	92.0
2:15	84.5	8:15	92.5
3:00	85.0	9:00	93.0
3:45	85.5	9:45	93.5
4:30	86.0	10:30	94.0
5:15	86.5	11:15	94.5
6:00	87.0	12:00	95.0
6:45	87.5	12:45	95.5
7:30	88.0	1:30	96.0
8:15	88.5	2:15	96.5
9:00	89.0	3:00	97.0
9:45	89.5	3:45	97.5
10:30	90.0	4:30	98.0
11:15	90.5	5:15	98.5
12:00	91.0	6:00	99.0
12:45	91.5	6:45	99.5
1:30	92.0	7:30	100.0
2:15	92.5	8:15	100.5
3:00	93.0	9:00	101.0
3:45	93.5	9:45	101.5
4:30	94.0	10:30	102.0
5:15	94.5	11:15	102.5
6:00	95.0	12:00	103.0
6:45	95.5	12:45	103.5
7:30	96.0	1:30	104.0
8:15	96.5	2:15	104.5
9:00	97.0	3:00	105.0
9:45	97.5	3:45	105.5
10:30	98.0	4:30	106.0
11:15	98.5	5:15	106.5
12:00	99.0	6:00	107.0
12:45	99.5	6:45	107.5
1:30	100.0	7:30	108.0
2:15	100.5	8:15	108.5
3:00	101.0	9:00	109.0
3:45	101.5	9:45	109.5
4:30	102.0	10:30	110.0
5:15	102.5	11:15	110.5
6:00	103.0	12:00	111.0
6:45	103.5	12:45	111.5
7:30	104.0	1:30	112.0
8:15	104.5	2:15	112.5
9:00	105.0	3:00	113.0
9:45	105.5	3:45	113.5
10:30	106.0	4:30	114.0
11:15	106.5	5:15	114.5
12:00	107.0	6:00	115.0
12:45	107.5	6:45	115.5
1:30	108.0	7:30	116.0
2:15	108.5	8:15	116.5
3:00	109.0	9:00	117.0
3:45	109.5	9:45	117.5
4:30	110.0	10:30	118.0
5:15	110.5	11:15	118.5
6:00	111.0	12:00	119.0
6:45	111.5	12:45	119.5
7:30	112.0	1:30	120.0
8:15	112.5	2:15	120.5
9:00	113.0	3:00	121.0
9:45	113.5	3:45	121.5
10:30	114.0	4:30	122.0
11:15	114.5	5:15	122.5
12:00	115.0	6:00	123.0
12:45	115.5	6:45	123.5
1:30	116.0	7:30	124.0
2:15	116.5	8:15	124.5
3:00	117.0	9:00	125.0
3:45	117.5	9:45	125.5
4:30	118.0	10:30	126.0
5:15	118.5	11:15	126.5
6:00	119.0	12:00	127.0
6:45	119.5	12:45	127.5
7:30	120.0	1:30	128.0
8:15	120.5	2:15	128.5
9:00	121.0	3:00	129.0
9:45	121.5	3:45	129.5
10:30	122.0	4:30	130.0
11:15	122.5	5:15	130.5
12:00	123.0	6:00	131.0
12:45	123.5	6:45	131.5
1:30	124.0	7:30	132.0
2:15	124.5	8:15	132.5
3:00	125.0	9:00	133.0
3:45	125.5	9:45	133.5
4:30	126.0	10:30	134.0
5:15	126.5	11:15	134.5
6:00	127.0	12:00	135.0
6:45	127.5	12:45	135.5
7:30	128.0	1:30	136.0
8:15	128.5	2:15	136.5
9:00	129.0	3:00	137.0
9:45	129.5	3:45	137.5
10:30	130.0	4:30	138.0
11:15	130.5	5:15	138.5